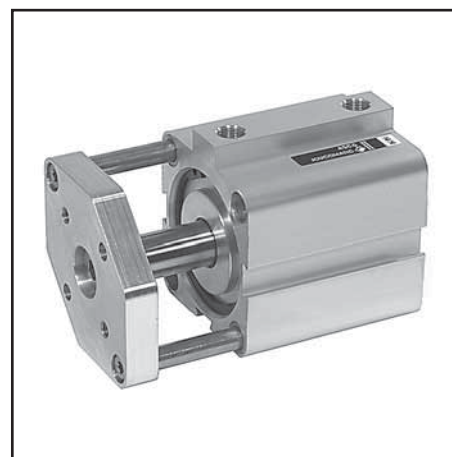


## GENERAL

Detection	Equipped for magnetic position detectors
Fluid	Air or neutral gas, filtered, lubricated or not
Operating pressure	10 bar max.
Ambient temperature	-20°C to +70°C
Max. speed	0,5 m/s
Standards	AFNOR NF E 49-004-2

## CONSTRUCTION

Body	Aluminium alloy
Rod	Stainless steel
Load carrying plate	Light alloy
Guide rod	Stainless steel
Piston	POM (polyacetal) or light alloy fitted with a permanent annular magnet
Piston seals	PUR (polyurethane)
Front and rear ends	Aluminium alloy
Bearing	Self lubricating
Mounting	Front or rear with screw (not supplied)



## SPECIFICATIONS

Ø (mm)	catalogue number	reference (2)	recommended standards strokes (mm)								Max. stroke capability (mm)	connection Ø
			5	10	15	20	25	30	40	50		
20	44250033 (1)	KN 20 D (1) L-DM	●	●	●	✱	✱	✱	✱	✱	60	M5
25	44250034 (1)	KN 25 D (1) L-DM	●	●	●	●	✱	✱	✱	✱	90	M5

(1) Indicate stroke (in mm) preferably selecting one of the standard strokes above. Do not exceed maximum possible stroke

(2) **The magnetic position detectors are ordered separately:** UNI model, reed switch or magneto-resistive type (see page P295) or COMPACT model, reed switch or magneto-resistive type (see page P293)

Specifications for use: see installation leaflet

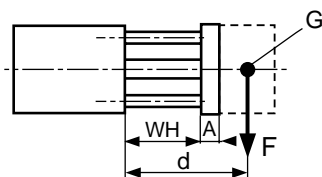
Tolerance on stroke length according to NF E 49-004 standards

Other bores : see page P226 - PEC cylinders

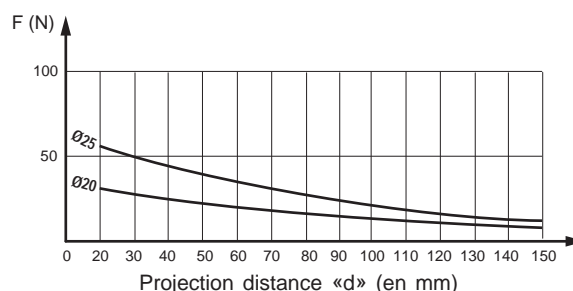
● Recommended strokes according to NF E 49-004  
✱ Other strokes available as standard


**OPTION:** Version non equipped for use with magnetic position detector

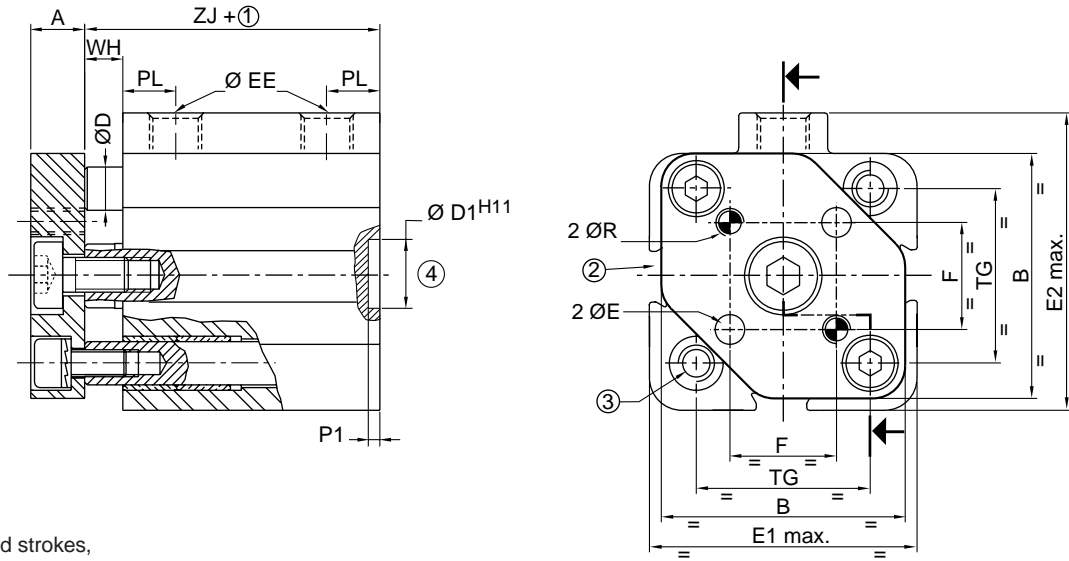
## MAXIMUM ADMISSIBLE LOAD «F» ON THE ROD END



d = the projection distance (in mm) corresponding to the dimension WH + A + the stroke length + the distance from the load centre of gravity (G) to the mating surface of the cylinder flange



**DIMENSIONS (mm), WEIGHT (kg)**   
Cylinders Ø 20 to 25 mm



- ① Stroke  
For non-standard strokes,  
take the next higher standard one.
- ② Ø 20 - 25 mm = 1 track per face
- ③ Mounting holes and counterbores (see detailed view below and previous pages)
- ④ Standard countersinking for centring at rear

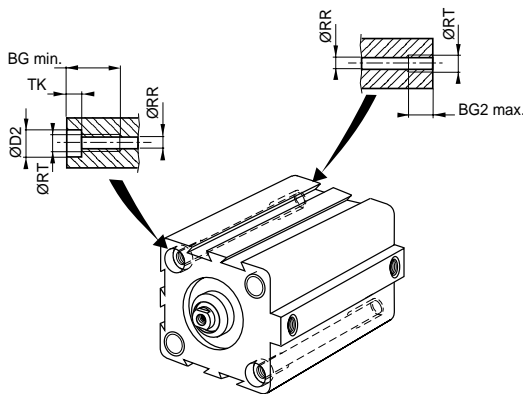
Ø	A	B	BG	ØD	ØD1	ØD2	ØE	ØEE	E1	E2	F	PL	P1	ØR	ØRR	ØRT	TG	TK	WH	ZJ	weight	
																					(5)	(6)
20	8	30,5	15	5	12	8	4,1	M5	36	44	12	7,8	2,5	M4	4,2	M5	22	4,7	6	43	0,110	0,0025
25	8	36,5	15	5	12	8	5,1	M5	40	48	15,6	9,3	2,5	M5	4,2	M5	26	4,7	6	45	0,160	0,003

Tolerance on dimensions according to NF E 49-004 standards

(5) Cylinder weight with 0 mm stroke

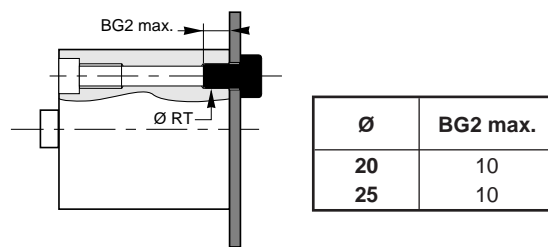
(6) Weight to be added per additional mm length

### Mounting



Possibilities front mounting (see page 4)

### Possibility rear mounting



**B**

